

REMARKS

Favorable reconsideration and allowance are respectfully requested for claims 5-16 in view of the foregoing amendment and the following remarks.

Submitted herewith are formal drawings in response to the objection to the drawings. No additions or deletions are contained therein.

Claims 5-16 were rejected under 35 USC 103(a) as being unpatentable over Kaczynski et al. (JP '614) in view of Kanazawa et al. and further in view of Baldi et al. This rejection is respectfully traversed.

JP '614 does not disclose or suggest, among other features, the electrically conductive coil being surface hardened. Indeed, the Office Action states that JP '614 does not disclose such a coil.

Kanazawa et al. does not rectify the deficiencies of JP '614. Kanazawa et al. does not disclose or suggest, among other features, the electrically conductive coil being surfaced hardened. In the Office Action, it is alleged that Kanazawa et al. shows coil 1 that is surface hardened and notes Col. 4, lines 27-35. However, Kanazawa et al. at lines 27-35 points out that insulating resin 12 in the hot condition is used to form an insulating layer on the outside of the bobbin 2a for the secondary coil 2. After hardening, the primary coil formed of heat-fused copper wire is fitted on the outer peripheral surface of the insulating layer made of the insulating resin 12, which in turn is inserted into the insulating shell 11 after being covered with the insulating tube 18. This disclosure merely points out that the insulating resin, and not the primary coil 1, is hardened. As seen at Col. 4, lines 39-40, the insulating resin 12 is hardened and not the coiled material. Moreover, at Col. 4, lines 52-57, the disclosure points out that the

insulating resin is hardened and not the coil. No surface hardening of either coil 1 or 2 is disclosed or suggested in Kanazawa et al.

Baldi et al. merely shows a diffusion treatment on a surface layer and does not disclose an electrically conductive coil being surface hardened. Thus, it is respectfully submitted that the claimed invention is patentably distinguishable over the cited references, as noted above. Accordingly, withdrawal of the rejection is respectfully requested.

In view of the foregoing amendments and remarks, the application is respectfully submitted to be in condition for allowance, and prompt favorable action thereon is earnestly solicited.

If there are any questions regarding this amendment or the application in general, a telephone call to the undersigned would be appreciated since this should expedite the prosecution of the application for all concerned.

If necessary to effect a timely response, this paper should be considered as a petition for an Extension of Time sufficient to effect a timely response, and please charge any deficiency in fees or credit any overpayments to Deposit Account No. 05-1323 (Docket #225/50746).

Respectfully submitted,



James F. McKeown
Registration No. 25,406
William G. Ackerman
Registration No. 45,320

CROWELL & MORING, LLP
P.O. Box 14300
Washington, DC 20044-4300
Telephone No.: (202) 624-2500
Facsimile No.: (202) 628-8844
JFM/WGA/mys (95309)